CLAIMS

I CLAIM:

1. A structure comprising a retaining bracket, said retaining bracket comprising:

a body having a mounting aperture;

one or more upper tabs extending perpendicularly from said body, said one or more upper tabs lying in a first plane; and

one or more lower tabs extending perpendicularly
from said body, said one or more lower tabs lying in a
second plane spaced apart from said first plane.

2. The structure of Claim 1 wherein said second plane is parallel to said first plane.

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- 3. The structure of Claim 1 wherein said one or more upper tabs comprises a first upper tab and a second upper tab.
- 4. The structure of Claim 3 wherein said one or more lower tabs comprises a first lower tab between said first upper tab and said second upper tab.
- 5. The structure of Claim 4 wherein said one or
 more lower tabs further comprises a second lower tab,
 said first upper tab being between said first lower tab
 and said second lower tab.
- 6. The structure of Claim 1 wherein said one or more lower tabs, said one or more upper tabs, and said body define a slot.
- 7. The structure of Claim 6 further comprising a printed circuit board having an edge supported in said slot.

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- 8. The structure of Claim 7 wherein a first surface of said printed circuit board is supported by said one or more upper tabs and a second surface of said printed circuit board is supported by said one or more lower tabs.
- 9. The structure of Claim 7 wherein said printed circuit board is a mother board.
- 10. A method of supporting a printed circuit board comprising:

defining a slot by one or more upper tabs lying in a first plane, a body, and one or more lower tabs lying in a second plane spaced apart from said first plane;

sliding an edge of said printed circuit board into said slot; and

mounting said body to a circuit board housing.

20 11. The method of Claim 10 wherein said mounting said body to a circuit board housing comprises:

passing a screw through a mounting aperture of said body; and

threading said screw into a threaded structure in or adjacent said circuit board housing.

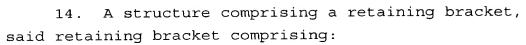
- 12. The method of Claim 10 wherein a first surface of said printed circuit board is supported by said one or more upper tabs and a second surface of said printed circuit board is supported by said one or more lower tabs.
- 13. The method of Claim 10 wherein said printed circuit board is a mother board.

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an arm;

a first extension attached to a first end of said
5 arm, said first extension comprising a mounting
aperture;

a second extension having a first end attached to a second end of said arm; and

a tab attached to a second end of said second 10 extension.

- 15. The structure of Claim 14 wherein said first extension is perpendicular to said arm and said second extension is perpendicular to said arm.
- 16. The structure of Claim 15 wherein said tab is perpendicular to said second extension and parallel to said arm.
- 20 17. The structure of Claim 14 further comprising a rail along a length of said arm and extending perpendicularly from said arm.
- 18. The structure of Claim 17 wherein said rail provides strength and rigidity of said arm.
 - 19. The structure of Claim 14 further comprising a circuit board having a retaining clip, said arm contacting and locking in place said retaining clip.
 - 20. The structure of Claim 19 further comprising:
 - a first circuit board housing; and
 - a second circuit board housing, said retaining bracket being mounted to said first circuit board housing and said second circuit board housing.

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- 21. The structure of Claim 20 wherein said first circuit board housing comprises a slot, said second extension being mounted to said first circuit board housing by locating said tab in said slot.
- 22. The structure of Claim 21 further comprising a screw, said first extension being mounted to said second circuit board housing by said screw, said screw passing through said mounting aperture and being threading into a threaded structure in or adjacent said second circuit board housing.
- 23. A method of locking a retaining clip in place with an arm of a retaining bracket comprising:

locating a tab of said retaining bracket in a slot of a first circuit board housing;

passing a screw through a mounting aperture in a first extension of said retaining bracket extending from said arm; and

threading said screw into a threaded structure in or adjacent a second circuit board housing, wherein said arm contacts said retaining clip.

- 25 24. The method of Claim 23 wherein said tab is attached to said arm by a second extension of said retaining bracket.
- 25. The method of Claim 23 wherein a circuit
 30 board comprising said retaining clip is contained
 within an enclosure defined by said first circuit board
 housing and said second circuit board housing.
- 26. A structure comprising a retaining bracket,
 35 said retaining bracket comprising:

a body;

- a first extension attached to a first end of said body, said first extension comprising a mounting aperture; and
- a second extension, a first end of said second extension attached to a second end of said body, a second end of said second extension including a first protrusion and a second protrusion.
- 27. The structure of Claim 26 wherein said body comprises:
 - a first\arm;
 - a second\arm; and
 - a support beam, said first arm, said second arm, and said support beam being integrally attached together at said first end and said second end of said body.
 - 28. The structure of Claim 27 further comprising a plurality of rails along lengths of said first arm and said second arm, said rails providing strength and rigidity to said first arm and said second arm.
- 29. The structure of Claim 26 wherein said first extension and said second extension are perpendicular to said body.
- 30. The structure of Claim 29 further comprising: a first lip defined by said first protrusion; and a second lip defined by said second protrusion.
 - 31. The structure of Claim 30 wherein said first lip and said second lip are parallel to said body.
- 35 32. The structure of Claim 30 further comprising:

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a first circuit board housing;

a first mounting stud extending from said first circuit board housing, said first mounting stud engaged with said first lip; and

a second mounting stud extending from said first circuit board housing, said second mounting stud engaged with said second lip.

33. The structure of Claim 32 further comprising:

a second circuit board housing;

a screw passing through said mounting aperture and threaded into a threaded structure in or adjacent said second circuit board housing.

- 34. The structure of Claim 33 wherein said first extension is mounted to said second circuit board housing and wherein said second extension is mounted to said first circuit board housing.
- 35. A method of mounting a retaining bracket to a first circuit board housing and a second circuit board housing comprising:

attaching a first mounting stud and a second mounting stud to said first circuit board housing;

passing a first protrusion of said retaining bracket around said first mounting stud;

sliding said retaining bracket towards said first mounting stud;

passing a second protrusion of said retaining bracket around said second mounting stud; and

sliding said retaining bracket towards said second mounting stud.

36. The method of Claim 35 wherein said sliding said retaining bracket towards said second mounting

stud causes a first lip defined by said first protrusion to engage said first mounting stud and causes a second lip defined by said second protrusion to engage said second protrusion stud.

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37. The method of Claim 35 further comprising: passing a screw through a mounting aperture of said retaining bracket; and

threading said screw in to a threaded structure in or adjacent said second circuit board housing.